

## Implementing the **WORKER PROTECTION STANDARD** in California

January 9, 1997

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## WORKER PROTECTION STANDARD

- The major changes to California's regulations after incorporating the federal Worker Protection Standard (WPS).
- These changes apply to the commercial or research production of agricultural plant commodities.

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## Implementation Date

- Regulations adopted - Dec. 26, 1996
- Implementation date - Jan 1, 1997
- Compliance assistance policy.

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## MAJOR CHANGES (1)

- Trainer Qualifications
- Field Worker Training
- Notice of Application
- Posting in Addition to Notification
- Restricted Entry Interval (REI)



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## MAJOR CHANGES (2)

- Decontamination Facilities
- Display Pesticide Safety Information
- Application Specific Information
- Crop Advisers



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## NEW DEFINITIONS

- Assure.
- Coveralls.
- Display.
- Employer and employee.
- Field and treated field.



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## TRAINER QUALIFICATIONS



Must be qualified to train  
handlers and  
field workers.

- Applies to research and production agriculture.

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## WHO CAN TRAIN HANDLERS?

- Certified Private Applicators (Permittees)
- Certified Commercial Applicators
- PCA's
- Farm Advisers
- Registered Professional Foresters
- County Biologists with a PUE License
- UC Statewide IPM trained instructors.
- 3CCR § 6724 (f)

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## WHO CAN TRAIN FIELD WORKERS?

- Those qualified to train handlers and
- Those with qualifications approved by the director.
- 3CCR § 6764 (e).

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## HANDLER TRAINING



- Employer "assures" employees have been trained.
- Before handling pesticides.
- Annually.
- Unless the employee is a certified applicator.

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## FIELD WORKER TRAINING

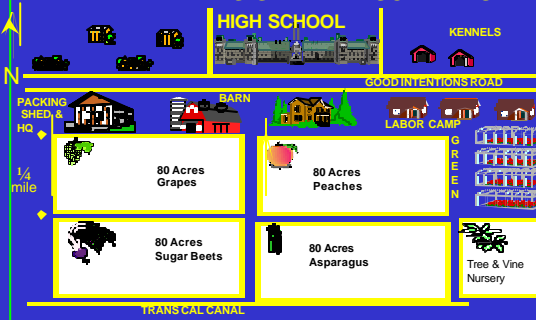
- Comprehensive pesticide safety training
  - before entering a "treated field".
  - every 5 years.

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## ENF FARMS GENERAL SCENARIO



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## SCENARIO # 1 QUESTIONS



Jean-Claude and Arnold Schwartz, employees of ENF Farms, will apply Dithane® WSP to the grapes in April.

1. Who will have to be trained?
2. When will they have to be trained?
3. Who may train them if Robin is too busy?

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## SCENARIO # 1 ANSWERS

- 1. Pesticide handlers must be trained § 6724
- 2. Prior to handling the pesticides and annually. § 6724(d).
- 3. Trainers include:
  - Certified Private Applicators (Permittees), Certified Commercial Applicators, PCA's, Farm Advisers, PUE Inspectors, UC IPM instructors, Registered Foresters and those with a qualification approved by the director. § 6724(f).



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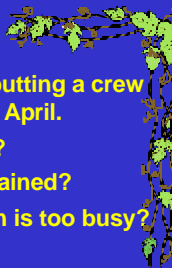
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## SCENARIO # 2 QUESTIONS

Next Robin Kleinfelder plans on putting a crew into the grapes to tie vines in late April.

- 4. Who will have to be trained?
- 5. When will they have to be trained?
- 6. Who may train them if Robin is too busy?



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## SCENARIO # 2 ANSWERS

- 4. Field Workers must be trained
- 5. Prior to entering a treated field & every 5 years § 6764(a) .
- 6. Trainers include:
  - Permittees, Certified Commercial Applicators, PCA's, PUE Inspectors, UC IPM instructors, Registered Foresters and
  - Those with a qualification approved by the director. § 6764(e) .



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## NOTICE OF APPLICATION

Notice of application

- In addition to current notification requirements, growers must give notification of applications
  - to own or contracted employees on, or
  - walking within 1/4 mile of
    - property to be treated,
    - during application and REI.
    - § 6618 (b).

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## NOTICE OF APPLICATION

Notice of application

- Greenhouses :
  - by posting,
  - label will specify if oral notification is also required.
- Fields :
  - by oral notification and/or
  - by posting as specified in pesticide labeling.

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### SCENARIO # 3

- Robin Kleinfelder has 80 acres of grapes sprayed by ground with Lannate® starting at 7:00 pm on July 17 and ending at 7:00 am on July 18. The packing shed is operating 24 hours a day. There are contractor field workers in the peach orchard on July 17 & 18. The sugar beets are irrigated by company field workers July 16, 17 and 18.

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### SCENARIO # 3 NOTIFICATION QUESTIONS

- 7. Is notification required?
- 8. If so, how can it be given, by posting or orally?
- 9. Who must be notified and by whom?
- 10. When is it required?
- 11. What information is required in it?

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### SCENARIO # 3 NOTIFICATION ANSWERS

- 7. Notification is required by § 6618 and labeling.
- 8. It can be given orally or by posting. § 6618 (b) (4).
- 9. Who notifies whom.
  - Contractor notifies FW's in the peaches.
  - Company notifies FW's irrigating sugar beets, and
  - Anyone else known to be or likely to enter the property. § 6618.
- 10. Notify prior to application and until expiration of REI.

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### POSTING: FIELD AND GREENHOUSE, IN ADDITION TO NOTIFICATION

- Post all greenhouse applications.
- Post field applications when specified in pesticide labeling.
- California regulations still require posting for all pesticide applications with a REI greater than 7 days. §6772.

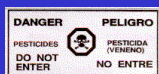
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### POSTING: FIELD AND GREENHOUSE, IN ADDITION TO NOTIFICATION

- California's posting sign format is different from federal WPS (Stern face, upraised hand) format.



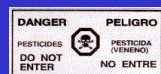
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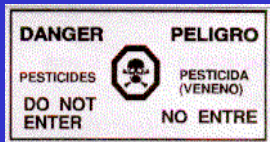
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## SCENARIO # 3 POSTING QUESTIONS

- 12. Is posting required for this application?
- 13. Can posting satisfy the notification requirement?



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## SCENARIO # 3 POSTING ANSWERS

- 12. No. Posting is not required.
  - § 6776 (a) (3), and labeling.
- 13. Yes. Posting can satisfy the notification requirement.
  - § 6618 (b) (4)

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## RESTRICTED ENTRY INTERVAL (REI).

January REI's					
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
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- Pesticide label will specify the REI.
- REI will generally vary from 4 hours to 72 hours.
- Certain pesticides on certain crops:
  - Extended REIs still apply. § 6772.

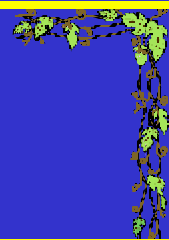
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## SCENARIO # 3 REI QUESTIONS

- 14. Is there an REI?
- 15. If so, what is it?



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## SCENARIO # 3 REI ANSWERS

- 14. Yes. There is an REI.
  - § 6772 (b)
  - and labeling.
- 15. REI is 7 days.
  - § 6772 (b) (C)
  - and labeling.

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## SCENARIO # 4 GREENHOUSE NOTIFICATION, POSTING & REI



- Some greenhouse ornamentals will be sprayed with Pyrenone ® over a period of 5 days starting October 23. One ranch employee will use a two gallon, hand held sprayer to do the job. Only certain areas will be treated at any one time while other cultural practices will take place in untreated areas. ENF employees will be mixing potting soil and putting it into flats within 200 feet of the greenhouse.

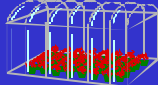


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## GREENHOUSE NOTIFICATION QUESTIONS



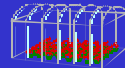
- 16. Is notification required?
- 17. If so, how can it be given, by posting, or orally?
- 18. Who must receive the notification?
- 19. When is the notification required?
- 20. What information is required in the notification?

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## GREENHOUSE NOTIFICATION ANSWERS



- 16. Yes. § 6618 (b)
- 17. Notification by posting the treated areas within the greenhouse § 6776 (a)(2); oral notification is neither required nor prohibited. § 6618 (b)(4).
- 18. Notify all ranch employees (except the handler) who enter the treated area, and anyone else likely to enter. § 6618 (b). Posting will suffice.

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## GREENHOUSE NOTIFICATION ANSWERS (Cont.)

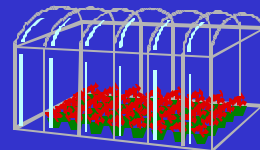
- 19. Prior to the application until expiration of the REI. § 6618 (b)(1)
- 20. Required information:
  - Location and description of treated area.
  - Time during which REI exists.
  - Instructions not to enter treated area until after REI § 6618 (b)(3).

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## GREENHOUSE POSTING & REI QUESTIONS



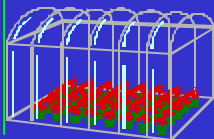
- 21. Is posting required for this application?
- 22. Is there an REI?
- 23. If so, what is it?

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## GREENHOUSE POSTING & REI ANSWERS



- 21. Yes. § 6776 (a)(2)
- 22. Yes. Labeling.
- 23. Twelve hours. Labeling.

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## HANDLER AND FIELD WORKER DECONTAMINATION FACILITIES



- Decontamination facilities, and
- Water for emergency eye wash
  - Handler requirements:
    - for all pesticide categories, and
    - all handling activities. § 6734.
  - Field worker requirements:
    - within 30 days after the REI expiration.
    - 3CCR § 6768.

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## SCENARIO # 5 DECONTAMINATION

- **Spray schedule:**
  - Monday am: Weeds by packing shed, Roundup Pro ®.
  - Monday pm: Weeds, grape ditch banks, Poast ®.
- **Irrigation schedule:**
  - Monday: Tree & Vine nursery.



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## SCENARIO # 5 QUESTIONS - DECONTAMINATION-MONDAY

- 24. Where must Robin locate the decontamination facility for the Roundup Pro ® application?
- 25. Where must Robin locate the decontamination facilities for the Poast ® application?
- 26. What supplies must be at the decontamination site?



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## SCENARIO # 5 ANSWERS - DECONTAMINATION -MONDAY

- 24. Decontamination facilities not required in this situation. § 6734 (d)
- 25. Decontamination required at mix/load site for 'Warning' pesticides. § 6734 (d) Handler must carry 1 pint eye wash. § 6734 (c)
- 26. Sufficient water to flush eyes and wash entire body, coveralls, soap, single use towels.

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## SCENARIO # 6

- **Spray schedule**
  - Tuesday am; Peaches, Ridomil ®, a fungicide.
- **Irrigation schedule:**
  - Tuesday pm: Remove irrigation pipe from peaches.



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## SCENARIO # 6 QUESTIONS DECONTAMINATION

- 27. Where must Robin place the decontamination facilities for the Ridomil ® spray crew?
- 28. Where must Robin place the decontamination facility for the irrigators?



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## SCENARIO # 6 ANSWERS - DECONTAMINATION

- 27. Location for spray crew
  - (1 pint eye wash to be carried by the handler)
  - Mix/load site
  - Not more than 1/4 mile away, or
  - Nearest point of vehicular access. § 6734 (b)



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## SCENARIO # 6 ANSWERS - DECONTAMINATION

- 28. Location of Irrigators.
- Early entry activities
  - May be in treated field or
- Employer to assure provision
  - Sufficient water,
  - Soap
  - Clean towels
- Where they remove PPEs
- § 6768(b) see also § 6771 (g)



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## PESTICIDE SAFETY INFORMATION

- Revised PSIS convey basic pesticide safety information.
  - PSIS A-8 Handlers §6723
    - display at a central location.
  - PSIS A-9 Field Workers
    - display at worksite. § 6761



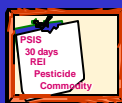
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## SCENARIO # 6 QUESTIONS - SAFETY INFORMATION DISPLAY

- 29. What safety information must Robin display for Ridomil ® spray crew?
- 30. Where must Robin display it?
- 31. When must Robin display it?



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## SCENARIO # 6 ANSWERS - SAFETY INFORMATION DISPLAY



29. PSIS A-8 § 6723 (a)

30. Central location.

- 31. Before handling pesticides.



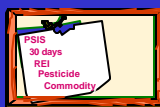
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## APPLICATION SPECIFIC INFORMATION

- Grower shall display
  - specific application information for own or contracted-
    - handler employees
    - field worker employees
  - when on the agricultural establishment
  - 24 hours after application and for 30 days after the end of the REI. § 6723.1



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## SCENARIO # 6 QUESTIONS - APPLICATION SPECIFIC INFORMATION DISPLAY

- 32. What application specific information must be displayed for the crew spraying Ridomil ® on peaches?
- 33. Where must Robin display it?
- 34. When must it be displayed?



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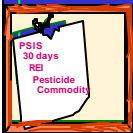
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## SCENARIO # 6 ANSWERS - APPLICATION SPECIFIC INFORMATION DISPLAY

- ▶ 32. Application Specific Information § 6723.1 (a)
- ▶ 33. Central location
- ▶ 34. Within 24 hours of completion of the application § 6723.1 (b)  
Until 30 days after the REI.  
§ 6723.1 (c) Definition of treated field



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## SCENARIO # 6 QUESTIONS SAFETY & APPLICATION SPECIFIC INFORMATION DISPLAY

- 35. What must be displayed for the irrigator crew?
- 36. Where must Robin display it?
- 37. When must Robin display it?



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## SCENARIO # 6 ANSWERS - DISPLAY

- ▶ 35. PSIS A-9 and Application Specific Information § 6771(a)
- ▶ 36. PSIS A-9 at the work site; Application Specific Information at a central location.
- ▶ 37. PSIS A-9 - Whenever workers are in treated fields. § 6761 (a)  
App. Spec. Info. - Within 24 hours of application completion. § 6761.1  
Until 30 days after the REI.

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## CROP ADVISERS

- Crop advisers and persons performing crop adviser tasks under their direct supervision
- considered handlers.
- Exemptions under certain conditions, from
  - Decontamination facilities
  - Emergency medical care
  - Coveralls and other PPE
  - Field reentry
- § 6720



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